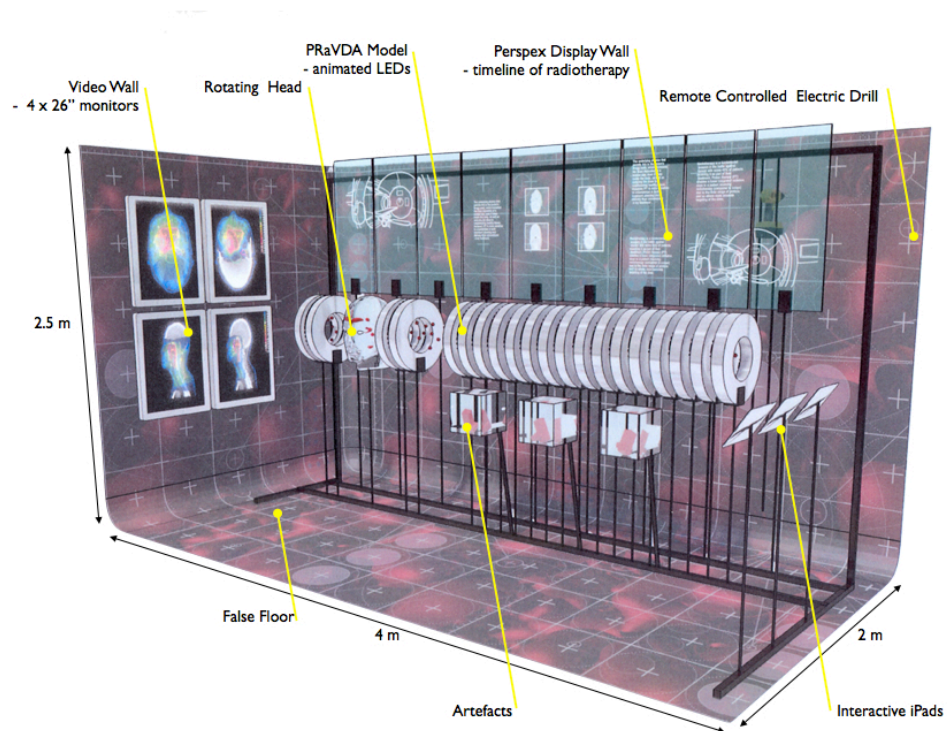


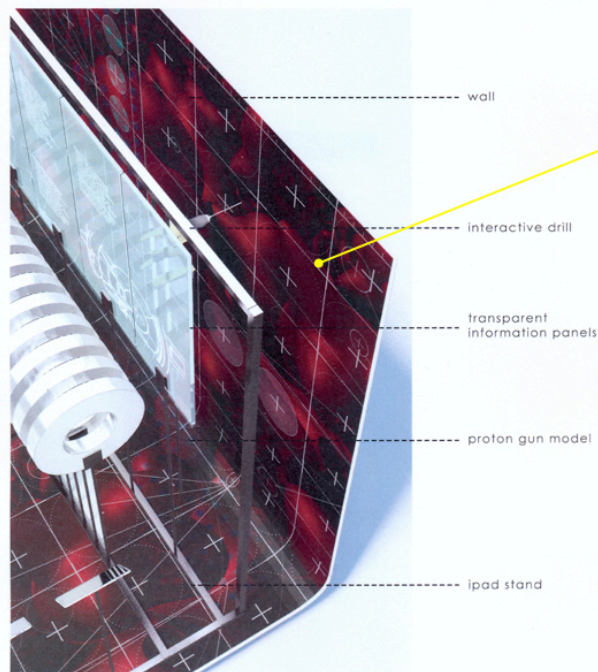
RSSE PRaVDA Exhibition

The exhibit comprises five main elements as well as off-site twitter, face book and web feeds.

1. **PRaVDA model** – this will show the technology we are developing for seeing and treating cancer with protons. The journey of the proton will be simulated with LEDs and demonstrate how cancer is both imaged and treated with protons. The model will be in Perspex. The model can be operated by tablet by the visitor or by staff on stand. It will also be able to run in sequence unmanned.
2. **Video wall** – will show films of reconstruction- essentially demoing what's going on in the model. We may also have other shots or films.
3. **Perspex backdrop** – will have details of cancer treatment and the technology. Essentially the facts and pictures of the facts. Showing how technology is developing and the positive future for treatment.
4. **Artifacts** – will have real camera parts available for people to see and touch
5. **Tablets** – we will have three tablets with science on and further info – What is cancer, What's a proton ... to higher level info to do with current government plans for 2 new UK Proton therapy centres. We will also have something about the people behind our team – the young scientists.
6. **Interactive drill** – we will have on the exhibit stand a drill (possibly made to look like nozzle of proton gun) which will be programmable using x and y coordinates. The drill will be activated by twitter, by Bluetooth from phones locally and also local tablet. The drill will over time make holes in the backdrop of the exhibit and also reveal the PRaVDA logo of our consortium. The backdrop will be a large image of histological sample of cancerous cells. The drill will act as a metaphor for the proton therapy beam destroying cancerous cells. We believe public will have interest in taking part in this activity locally and remotely.



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